

## Product datasheet for **RR210376**

### Cebpe (NM\_017095) Rat Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Cebpe (NM_017095) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Cebpe
Synonyms:	C/EPBe; CRP1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR210376 representing NM_017095 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGTCCCACGGGACCTACTATGAATGCGAGCCTCGGGTGGCCAGCAGCCACTTGAGTTCTCAGGGGTC  
GAGCTGGGCCCGGGAGCTGGGGACATGTGTGAGCATGAGGCCTCCATTGACCTCTCCGCCTACATCGA  
GTCTGGGAAGAAGCAGCTACTTTCTGACCTCTTGCCATGAAGCCAACGCCTGAAGCCCGAAGCCTTAAG  
GGCCAGGAACACCTTCAATTTCTCACTACCTGCCGGCTGACCCTCGGCCATTTGCCTATCCCTCACACA  
CATTTGGCCAGATAGGAAGGCTTTGGGACCTGGCATCTACAGCAACCCAGGGAGCTACGACCCAGGGC  
TGTGGCGGTGAAAGAGGAGCCTCGAGGGCCAGAGGGCAACCGAGGCACCGGCAGAGGCAGCTACAATCCC  
CTGCAGTACCAAGTGGCACACTGTGGGCAGACAGCAGTGCACCTCCCCCGACCCTGGCAGCACCTGGCC  
AGCCCCTGCGCTCCTCAAGGCCCTGTGGCGGTGCTGCCCCCTCCCTGCAGCCCCCTTCTCAAGGCACC  
CTCCCCCTGCTGGCCCCTCGCACAAGGGCAAGAAGGCAGTGAACAAAGATAGCCTGGAGTACCGGCTGCGA  
CGCAACGCAACAACATCGCAGTGGCGAAAAATGAGCGTCTGCGCAGCCGCGTGGACCAGCTCACCCAGGAGTT  
AGAAGGTGTTAGAGTACATGGCGAAAAATGAGCGTCTGCGCAGCCGCGTGGACCAGCTCACCCAGGAGTT  
AGACTCTCCGAACCTCTCCGCCAGATCCCCGAGGCTGCCAGCCTCATCAAGGGTGTGGGGGCTGC  
AGC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



**Protein Sequence:** >RR210376 representing NM\_017095  
 Red=Cloning site Green=Tags(s)

MSHGTYECEPRGGQQPLEFSGGRAGPGELGDMCEHEASIDL SAYIESGEEQLLSDLFAMKPTPEARSLK  
 GPGTPSPHYLPADPRPFAYPSHTFGPDRKALGPGIYSNPGSYDPRAVAVKEEPRGPEGNRTGRGSYNP  
 LQYQVAHCGQTAVHLPPTLAAPGQPLRVLKAPVAAAAPCSPLLKAPSPAGPSHKGKKAVNKDSLEYRLR  
 RERNNI AVRKSRDKAKRRIMETQQKVLEYMAENERLRSRVDQLTQELDTLRNLF RQIPEAASLIKGVGGC  
 S

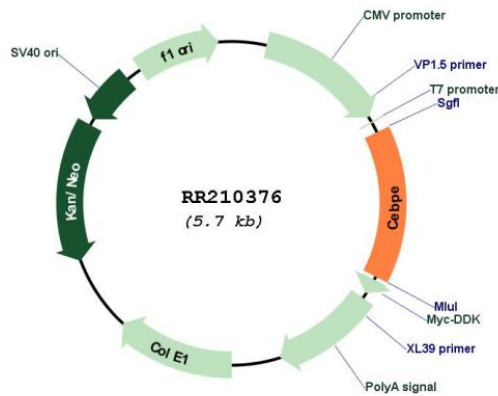
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_017095

**ORF Size:** 843 bp

<b>OTI Disclaimer:</b>	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_017095.1</a> , <a href="#">NP_058791.1</a>
<b>RefSeq Size:</b>	846 bp
<b>RefSeq ORF:</b>	846 bp
<b>Locus ID:</b>	25410
<b>UniProt ID:</b>	<a href="#">P56261</a>
<b>Cytogenetics:</b>	15p13
<b>MW:</b>	30.6 kDa
<b>Gene Summary:</b>	basic region/leucine zipper transcriptional activator; may mediate cytokine gene expression in mature cells; may play a role in macrophage development [RGD, Feb 2006]